

## UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspic.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO. 9686		
09/551,233	04/17/2000	Katsuyoshi Matsuura	FUJ 99228 CIP			
7:	590 04/15/2003					
William J Kul	William J Kubida Esq			EXAMINER		
Hogan & Harts Suite 1500	on LLP		LEE, HSII	LEE, HSIEN MING		
1200 17th Street			ART UNIT	PAPER NUMBER		
Denver, CO 8	0202		2823			
			DATE MAII ED: 04/15/2003	1		

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action    Application No.   Application   Amangement   April   Application   Amangement   April   Amangement   April   Amangement   April   Amangement   Amangement							
Examiner		Application No.	Applicant(s)				
Examiner Hsien-Ming Lee 2823 The MAILING DATE of this communication appears on the cover sheet with the correspondence address THE REPLY FILED 11 April 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALL OWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application and a proper reply to a final rejection under 37 CFR 1.113 may only be either (1) a timely filed amendment which places the application in condition for allowance, (2) a timely filed Motice of Appeal with appeal fee), or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.  PERIOD FOR REPLY {check either a) or b)  The period for reply expires	Advisory Action	09/551,233	MATSUURA ET AL				
### The MAILING DATE of this communication appears on the cover sheet with the correspondence address =  THE REPLY FILED 11 April 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandomment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either. (1) a timely filed amendment which places the application in condition for allowance. (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.  **PERIOD FOR REPLY (check either a) or b)]**  **The period for reply expires	Advicery Neuen	Examiner	Art Unit				
THE REPLY FILED 11 April 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.13 may only be either (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee), or (3) a timely filed Request for Continued Examination (RCC) in compliance with 37 CFR 1.14.  PERIOD FOR REPLY (check either a) or b)  The period for reply expires		Hsien-Ming Lee	2823				
Therefore, further action by the applicant is required to avoid abandomment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either. (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.  PERIOD FOR REPLY [check either a) or b)]  The period for reply expiresmonths from the mailing date of the final rejection.  DIA The period for reply expires or: (1) the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST KEPLY WAS THE WINNIAM WONGTH'S OFT THE FINAL RELECTION. See MPEP Extensions of time may be obtained under 37 CFR 1.136(a) and the statutory period for reply expires the statutory period for reply expires of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST KEPLY WAS THE TURNIAM WONGTH'S OFT THE FINAL RELECTION. See MPEP Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee under 37 CFR 1.136(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (3) above, if checked. Any reply received by the Office detersion and the corresponding mount of the fee. The appropriate extension fee under 37 CFR 1.176(a) is accidented from: (1) the expiration date of the shortened statutory period for reply originally set in the final office action; or (2) as set forth in (3) above, if checked. Any reply received by the Office detersion and for fee reply originally set in the final rejection, even if timely fled, may reduce any earned patent term adjustment. See 37 CFR 1.704(b) to avoid dismissal of the final rejection, even if timely fled, may expend a period of Appeal was filed on	The MAILING DATE of this communication appe	ars on the cover sheet with the o	orrespondence add	ress			
a) The period for reply expiresmonths from the mailing date of the final rejection. b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will be statutory period for reply expire stater than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REFLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 7000 MINE of the final rejection of final rejection of the final rejection of	Therefore, further action by the applicant is required to average final rejection under 37 CFR 1.113 may only be either: (1) condition for allowance; (2) a timely filed Notice of Appear	oid abandonment of this application and of the same of	ation. A proper repl h places the applica	y to a ation in			
b)	PERIOD FOR RE	PLY [check either a) or b)]					
fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension cities under 37 CFR 1.1(a) is accilizated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailling date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.791(d)), to avoid dismissal of the appeal.  1	b) The period for reply expires on: (1) the mailing date of this A no event, however, will the statutory period for reply expire I ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS 706.07(f).	Advisory Action, or (2) the date set forth ater than SIX MONTHS from the mailin is FILED WITHIN TWO MONTHS OF The	g date of the final rejecti HE FINAL REJECTION.	ion. See MPEP			
37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.  2.	fee have been filed is the date for purposes of determining the period of fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of (2) as set forth in (b) above, if checked. Any reply received by the Office	of extension and the corresponding amoust the shortened statutory period for reply the later than three months after the mai	unt of the fee. The app originally set in the final	ropriate extension Office action; or			
(a) ⊠ they raise new issues that would require further consideration and/or search (see NOTE below);  (b) ☐ they raise the issue of new matter (see Note below);  (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.  NOTE: See Continuation Sheet.  3. ☐ Applicant's reply has overcome the following rejection(s):  4. ☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) objected to:  Claim(s) withdrawn from consideration:  8. ☐ The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner.  9 ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s)  10. ☐ Other:							
(b) they raise the issue of new matter (see Note below); (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or (d) they present additional claims without canceling a corresponding number of finally rejected claims.  NOTE: See Continuation Sheet.  3. Applicant's reply has overcome the following rejection(s):  4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  WILLIAM DAND COLUMN	2. The proposed amendment(s) will not be entered be	ecause:					
(c)	(a) X they raise new issues that would require further consideration and/or search (see NOTE below);						
issues for appeal; and/or  (d)	(b) ☐ they raise the issue of new matter (see Note below);						
NOTE: See Continuation Sheet.  3. Applicant's reply has overcome the following rejection(s):  4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected:  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  William David Coleman Milliam Coleman Milliam David Coleman Milliam David Coleman Milliam David Coleman Milliam David Coleman Milliam Coleman Milliam David Coleman Milliam	· · · · · · · · · · · · · · · · · · ·						
3. Applicant's reply has overcome the following rejection(s):  4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected:  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:	(d)  they present additional claims without canceli	ng a corresponding number of f	nally rejected claim	s.			
4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected:  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)	NOTE: See Continuation Sheet.						
canceling the non-allowable claim(s).  5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected:  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)	3. Applicant's reply has overcome the following rejecti	on(s):					
application in condition for allowance because:  6.		be allowable if submitted in a se	eparate, timely filed	amendment			
raised by the Examiner in the final rejection.  7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected:  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:			dered but does NO	T place the			
explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected:  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:		ause it is not directed SOLELY t	o issues which were	e newly			
Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: Claim(s) withdrawn from consideration:  8.		• • • -		and an			
Claim(s) objected to: Claim(s) rejected: Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:	The status of the claim(s) is (or will be) as follows:	•					
Claim(s) rejected:  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:	Claim(s) allowed:						
Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:	Claim(s) objected to:						
8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other: DAVID COLEMAN MILLIAM DAVID COLEMAN	Claim(s) rejected:						
9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other: WILLIAM DAVID COLUMN MILLIAM DAVID COLUMN	Claim(s) withdrawn from consideration:						
10. Other: WILLIAM DAVID COLEMAN Milli-Dilli	8. The proposed drawing correction filed on is	a)□ approved or b)□ disapp	roved by the Exami	ner.			
Milli Dilli	9. Note the attached Information Disclosure Statemer	nt(s)( PTO-1449) Paper No(s)					
<u>_</u>	10. Other:	Ų	NILUAM DAVID	Coleman			

Continuation of 2. NOTE: The newly added limitations as recited in claims 1, 12, 14, 15 and 21 raise new issues that require further consideration and/or search.